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June 2, 2014

Ms. Robin Futch, P.G., PMP
Georgia Environmental Protection Division Land Protection Branch
2 Martin Luther King, Jr. Drive SE
Suite 1462 East
Atlanta, Georgia 30334

Subject: June 2014 Semi-Annual Voluntary Remediation Program Progress Report
Former Manchester Tank Company (HSI No. 10765)
Cedartown, Polk County, Georgia

Dear Ms. Futch:

This Progress Report documents the activities completed for the Former Manchester Tank Company (Manchester Tank) site in Cedartown, Georgia from December 2013 through May 2014. This reporting schedule follows that prescribed by the Georgia Environmental Protection Division (EPD) in a letter dated June 4, 2010. This Progress Report includes the following:

- Work Performed This Period;
- Current Corrective Action Plan (CAP) Implementation Status;
- Work Anticipated for the Next Period;
- Schedule; and
- Professional Certification.

Work Performed This Period

The following work was performed from December 2013 through May 2014:

- EPD Approval of the CAP was provided in a letter dated January 16, 2014. A response to comments in this letter was submitted to EPD on February 18, 2014.
- Preparations were completed for a pre-design investigation, including developing a detailed scope of work and obtaining quotes from subcontractors.
- Pre-field work activities were completed including subcontracting, utility location, surveying, access agreements, and health and safety plan updates.

- The pre-design investigation field work was initiated on April 24, 2014. This work is ongoing and expected to continue for several more weeks.
- A meeting of representatives of EPD, Textron, SPX, Trinity, Hon, and CDM Smith was held on site on May 20, 2014.

Current CAP Implementation Status

As noted above, a pre-design investigation has been initiated, and this is the first step of CAP implementation. This investigation is being performed to collect additional data to support final design of the corrective action. Activities are specifically focused on determining locations for future extraction wells that will provide sufficient hydraulic capture in the former source area and along downgradient property lines.

Figure 1 shows the planned exploratory boring locations along with the three additional monitoring wells (MW-56C, MW-57A, and MW-58A) that will be installed in this phase. This figure also includes overlays of the groundwater plume extents per EPD request at the May 20th meeting. Boring locations designated with EXP-X where "X" is a sequential number, are primary exploratory boring drilling and testing locations. Locations designated with an EXP-XA or –XB identify contingency boring locations should the primary location not provide sufficient water production. Additional details on the drilling and testing program are available in the CAP.

The following table summarizes the borings and wells drilled to date along with preliminary findings for each location:

Location ID	Total Depth (ft bgs)	10-inch Casing Depth (ft bgs)	Preliminary Findings
EXP-1	100.56	11	Limited water with very slow recovery
EXP-1A	100.13	10	Multiple fractures but none water producing
EXP-2	48	14	Mud seam encountered and could be a candidate for an extraction well
EXP-2A	99.9	10	Multiple fractures but none water producing
EXP-3	99.27	15	Multiple water bearing fractures; should be a good candidate for an extraction well
EXP-3A	99.53	16	Multiple water bearing fractures; should be a good candidate for an extraction well
EXP-4	43.54	14	Limited water with very slow recovery

Location ID	Total Depth (ft bgs)	10-inch Casing Depth (ft bgs)	Preliminary Findings
EXP-4A	44.41	10	Multiple water bearing fractures; should be a good candidate for an extraction well
EXP-5	44.27	5	Some recovery but less than 1 gpm
EXP-5A	44.69	9	Multiple fractures but none water producing
EXP-6	44.76	9.5	Multiple fractures but none water producing
EXP-6A	44.88	8	Multiple fractures but none water producing
EXP-6B	44.6	8.5	Multiple fractures but none water producing
EXP-7	99.44	14	Multiple water bearing fractures; should be a good candidate for an extraction well
MW-56C	68	45 *(6-inch casing)*	Sampling data showed that contaminants extend deeper than neighboring well MW-51C (25 feet). Exploratory borings in this area are being drilled deeper accordingly.

Once the drilling and testing program is complete, the results and corresponding design criteria will be summarized in a report submitted to EPD.

Work Anticipated for the Next Period

The following activities are planned for the next reporting period (June 2014 through November 2014):

- Completion of the pre-design investigation with results summarized in a report.
- Finalization of design criteria for corrective action.
- Initiation of final design for the corrective action.

Schedule

The project is currently proceeding in accordance with the Corrective Action Schedule (Figure 6-4) presented in the CAP. Drilling and testing as part of the pre-design investigation is expected to be complete by approximately the end of July 2014. Preparation of a summary report and finalization of design criteria will immediately follow. It is anticipated that a report will be submitted to EPD by the end of September 2014.

Professional Certification

Attachment A contains the professional certification and summary of incurred professional engineer and geologist hours for the period from November 17, 2013 through May 24, 2013.

If you have any questions regarding this Progress Report, please do not hesitate to contact me at (423) 771-4495.

Sincerely,

Andrew Romanek

Andrew P. Romanek, P.E., BCEE
Associate
CDM Smith Inc.

Attachments

cc: Jamie Schiff, Textron

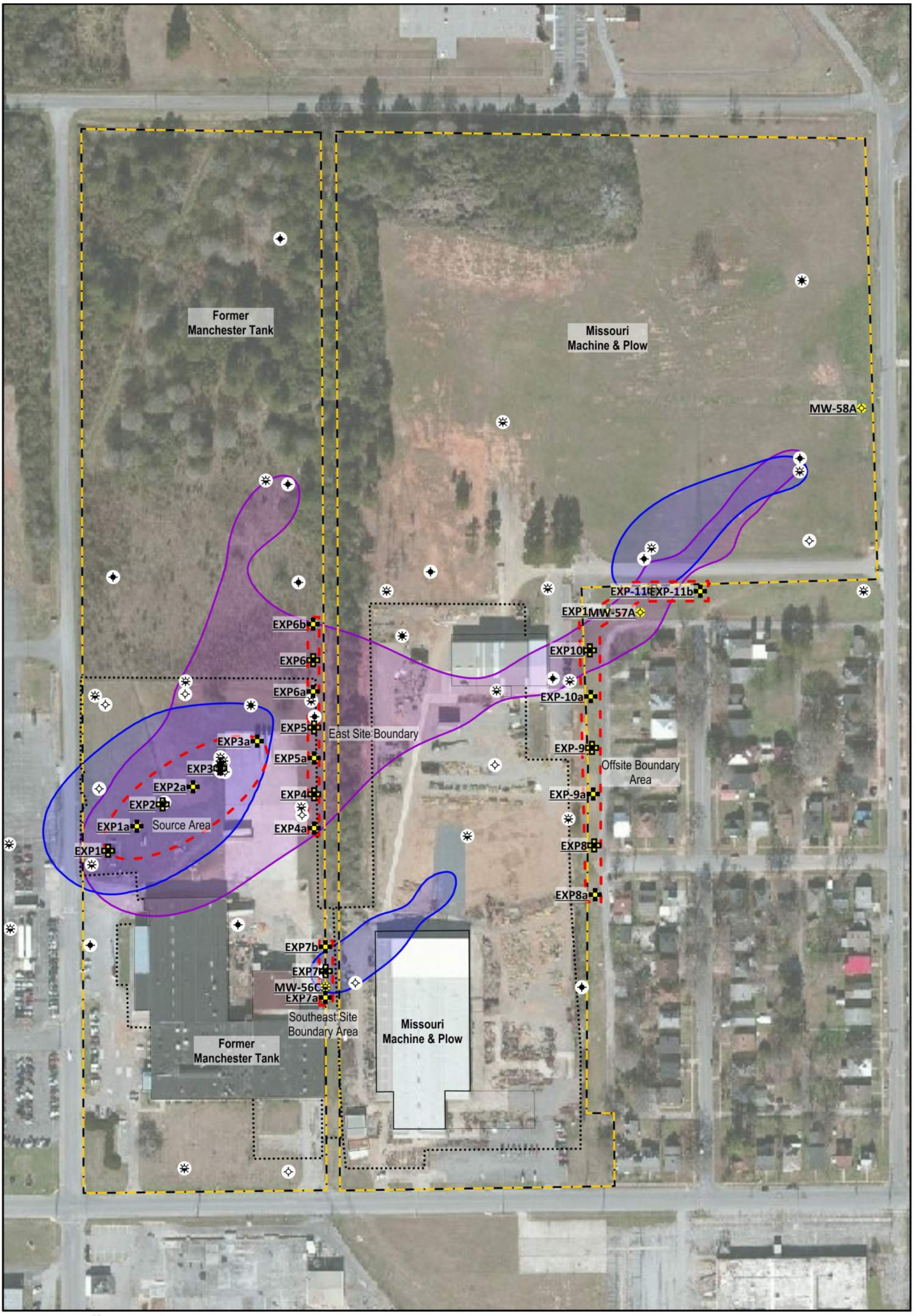

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Figure 1: CAP Exploratory Drilling Program

Former Manchester Tank Company (HSI 10765)
Cedartown, Polk County, Georgia

Attachment A
Professional Certification

Professional Certification

I certify under penalty of law that this report and all attachments were prepared by me or under my direct supervision in accordance with the Voluntary Remediation Program Act (O.C.G.A. Section 12-8-101, et seq.). I am a professional engineer / professional geologist who is registered with the Georgia State Board of Registration for Professional Engineers and Land Surveyors / Georgia State Board of Registration for Professional Geologists and I have the necessary experience and am in charge of the investigation and remediation of this release of regulated substances.

Furthermore, to document my direct oversight of the Voluntary Remediation Plan development, implementation of corrective action, and long term monitoring, I have attached a monthly summary of hours invoiced and description of services provided by me to the Voluntary Remediation Program participant since the previous submittal to the Georgia Environmental Protection Division.

The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Andrew Romanek

Andrew P. Romanek, P.E.
Associate
CDM Smith

6/2/14

Date

Summary of Oversight Provided by Georgia Licensed Engineers and Geologists

Engineer / Geologist	License Type and No.	Week Ending Date	Number of Hours	Description of Hours
Tom Duffey	Geologist PG000899	2/1/14	1.5	Senior hydrogeologist and technical lead for the pre-design investigation
		2/8/14	3	
		4/5/14	5.5	
		4/12/14	6	
		4/26/14	1.5	
		5/3/14	9.5	
		5/10/14	3	
		5/17/14	1.5	
		5/24/14	9.5	
John Reichling	Engineer PE017367	12/7/13	1	CDM Smith Officer in Charge and person overall responsible for project execution and quality. This includes oversight of the pre-design investigation.
		1/18/14	1	
		1/25/14	1	
		2/1/14	1	
		2/15/14	1	
		3/1/14	1	
		4/5/14	2	
		4/12/14	1	
		4/19/14	1	
		4/26/14	1	
		5/3/14	1	
		5/10/14	1	
		5/17/14	1	
Andrew Romanek	Engineer PE029287	11/23/13	3	Project manager and CDM Smith primary point of contact
		11/30/13	1	
		12/7/13	1.5	
		12/14/13	0.5	
		12/21/13	1.5	
		1/4/14	2.5	
		1/18/14	1	
		1/25/14	0.5	
		2/1/14	3.5	
		2/8/14	1.5	
		2/15/14	0.5	
		2/22/14	1	
		3/29/14	1	
		4/5/14	0.5	
		4/12/14	2.5	
		4/19/14	3.5	
		4/26/14	1	
		5/3/14	2.5	
		5/10/14	3.5	
		5/24/14	10.5	
Jeff Weeber	Engineer PE032278	12/14/13	1.5	Lead engineer for CAP development
		1/4/14	1.5	
		1/4/14	2	